

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012121\
 Data File : VD068131.D
 Acq On : 21 Jan 2021 14:31
 Operator : VA/SY
 Sample : M1152-02
 Misc : 7.71G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-EF-01-017-ABCD

Quant Time: Jan 22 00:09:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 19 13:19:08 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

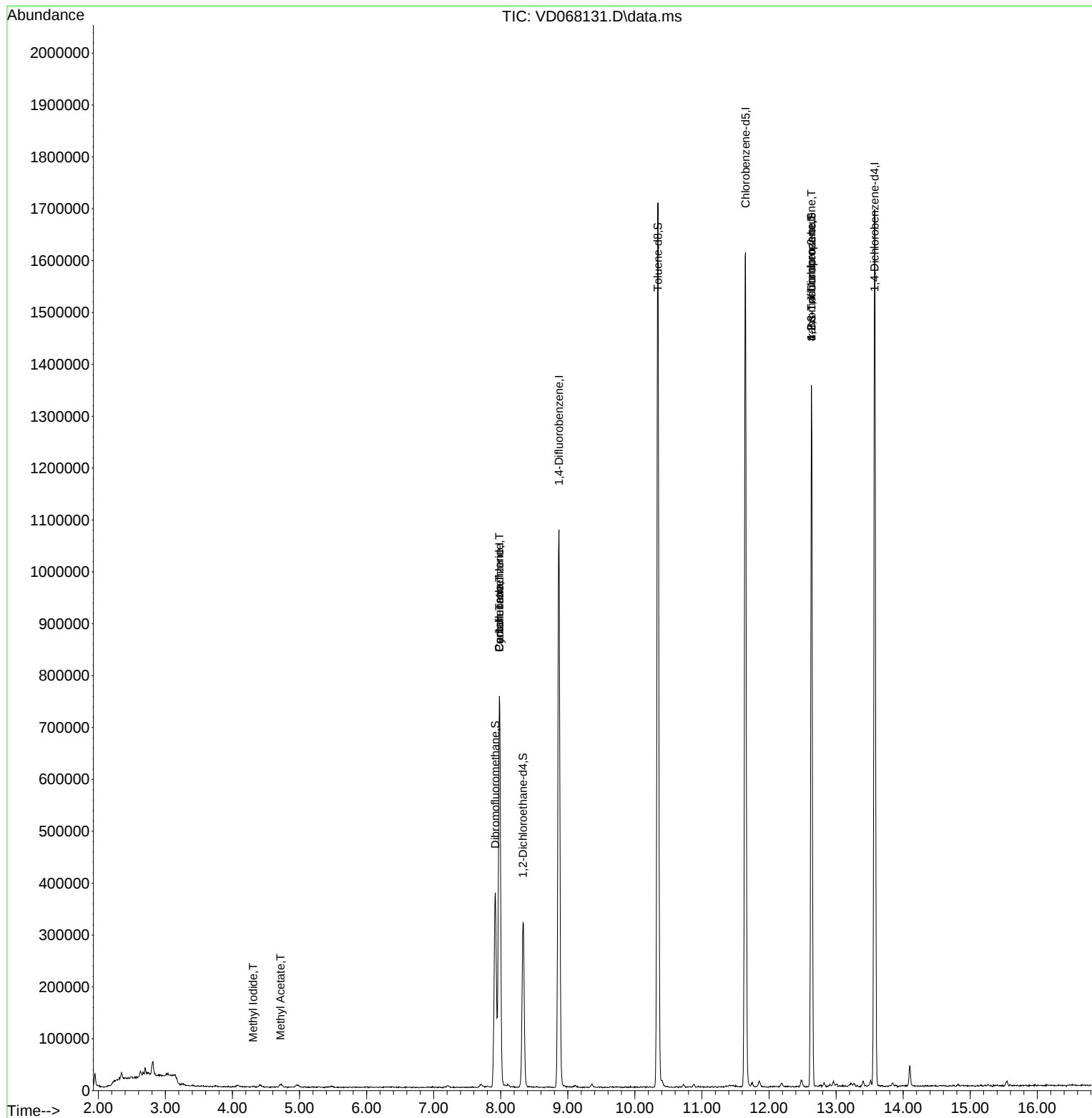
Internal Standards						
1) Pentafluorobenzene	7.979	168	575781	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	976232	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.650	117	968113	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	457494	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	261224	47.43	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 94.86%			
35) Dibromofluoromethane	7.920	113	274412	50.84	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.68%			
50) Toluene-d8	10.344	98	1228646	56.91	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 113.82%			
62) 4-Bromofluorobenzene	12.632	95	465498	59.88	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 119.76%			
Target Compounds						Qvalue
10) Methyl Iodide	4.309	142	2427	3.48	ug/l #	77
11) Tert butyl alcohol	5.221	59	54	Below Cal	#	74
18) Methyl Acetate	4.715	43	8968	3.51	ug/l	92
20) Methylene Chloride	4.968	84	3766	Below Cal	#	89
31) Cyclohexane	7.979	56	14287	1.20	ug/l #	13
38) Carbon Tetrachloride	7.979	117	58913	6.39	ug/l #	15
76) 1,2,3-Trichloropropane	12.632	75	235103	53.15	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	235103	107.55	ug/l #	13

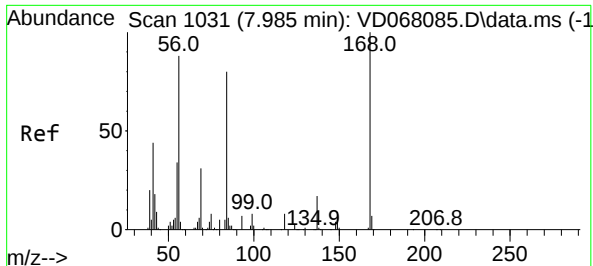
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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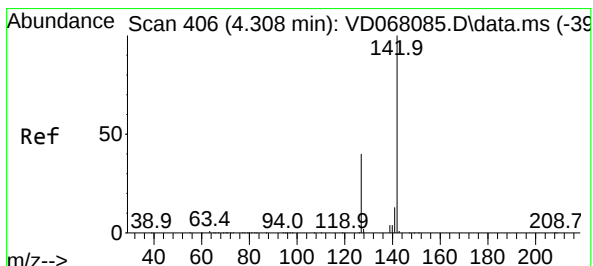
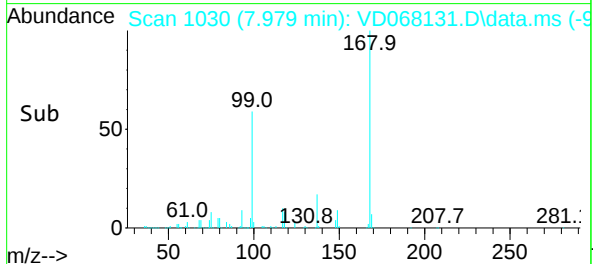
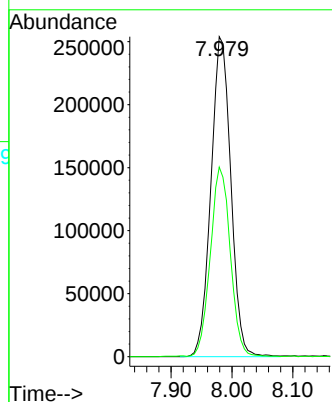
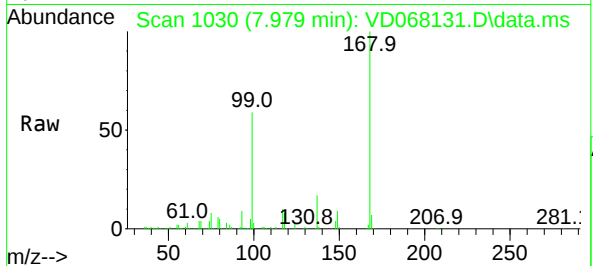




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068131.D
Acq: 21 Jan 2021 14:31

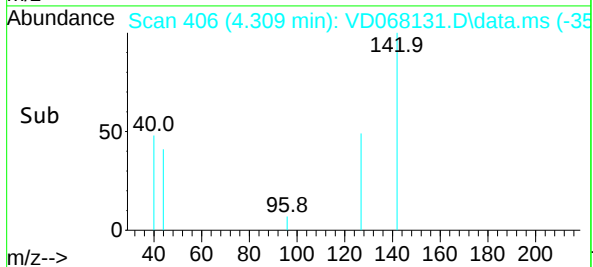
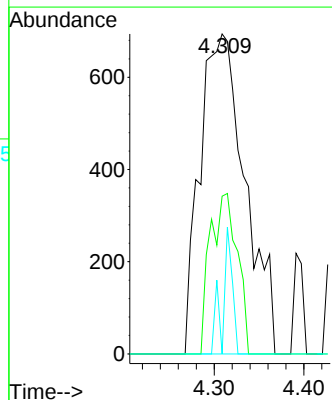
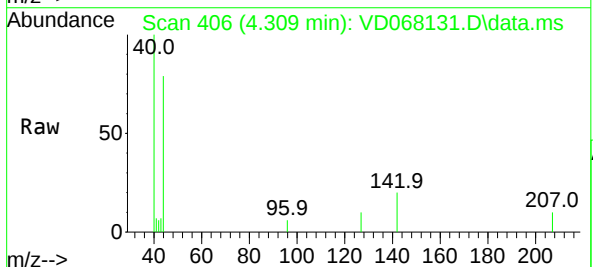
Instrument :
MSVOA_D
ClientSampleId :
FK-EF-01-017-ABCD

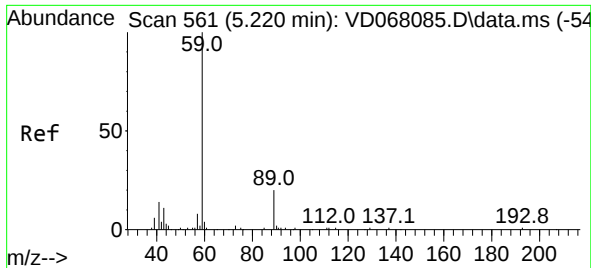
Tgt Ion:168 Resp: 575781
Ion Ratio Lower Upper
168 100
99 59.2 43.5 65.3



#10
Methyl Iodide
Concen: 3.48 ug/l
RT: 4.309 min Scan# 406
Delta R.T. 0.001 min
Lab File: VD068131.D
Acq: 21 Jan 2021 14:31

Tgt Ion:142 Resp: 2427
Ion Ratio Lower Upper
142 100
127 30.0 37.9 56.9#
141 8.5 11.5 17.3#

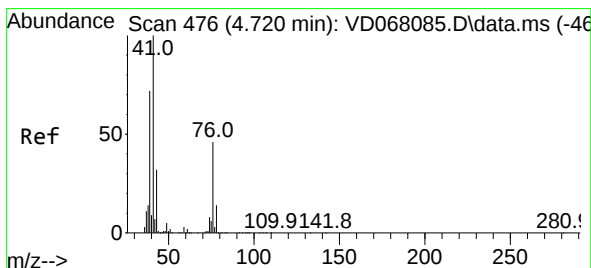
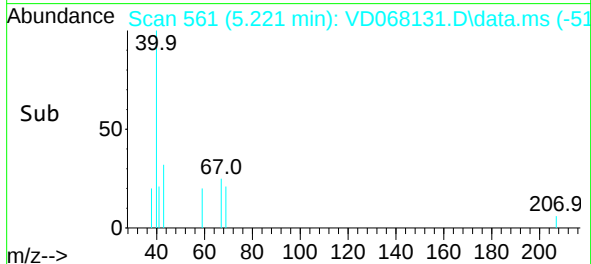
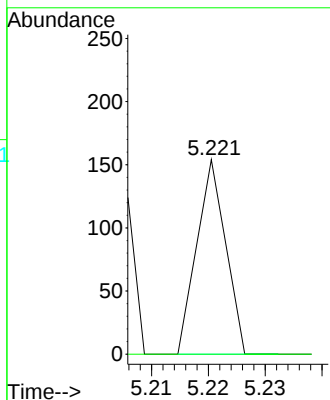
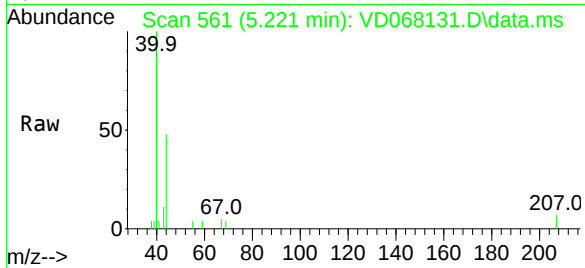




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.221 min Scan# 561
Delta R.T. 0.001 min
Lab File: VD068131.D
Acq: 21 Jan 2021 14:31

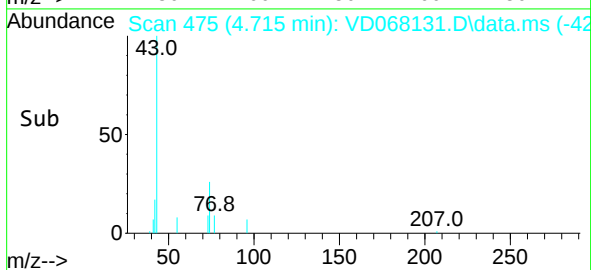
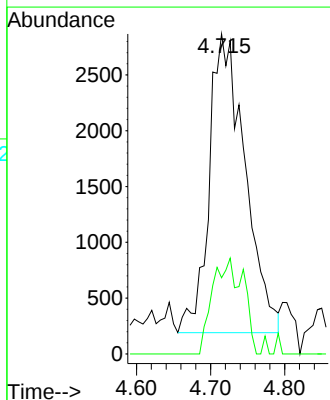
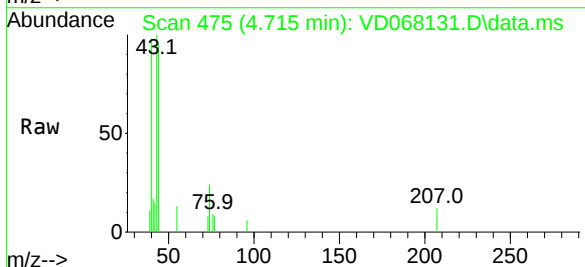
Instrument :
MSVOA_D
ClientSampleId :
FK-EF-01-017-ABCD

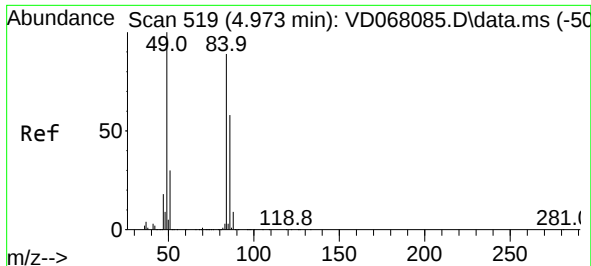
Tgt Ion: 59 Resp: 54
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#



#18
Methyl Acetate
Concen: 3.51 ug/l
RT: 4.715 min Scan# 475
Delta R.T. -0.005 min
Lab File: VD068131.D
Acq: 21 Jan 2021 14:31

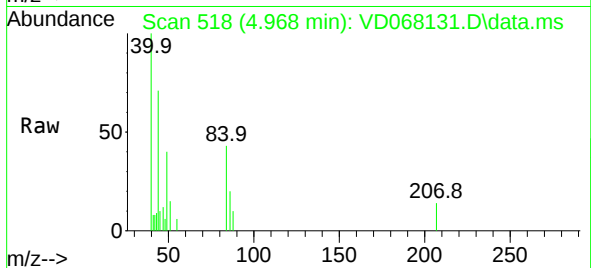
Tgt Ion: 43 Resp: 8968
Ion Ratio Lower Upper
43 100
74 27.4 25.4 38.0



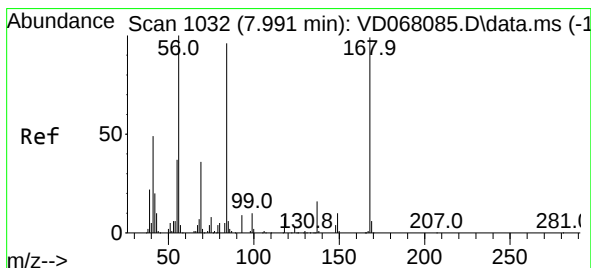
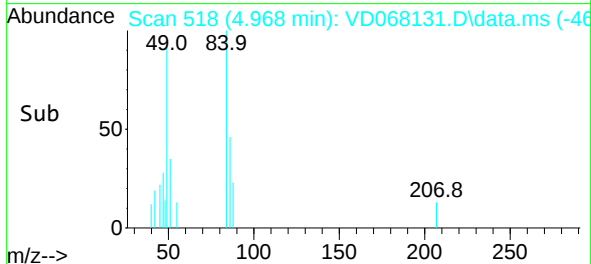
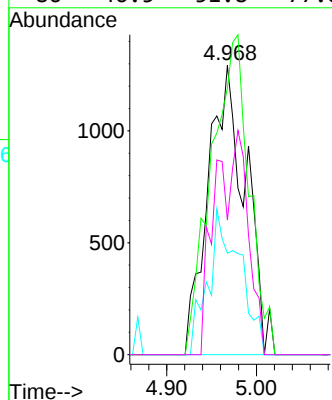


#20
Methylene Chloride
Concen: Below Cal
RT: 4.968 min Scan# 518
Delta R.T. -0.005 min
Lab File: VD068131.D
Acq: 21 Jan 2021 14:31

Instrument :
MSVOA_D
ClientSampleId :
FK-EF-01-017-ABCD

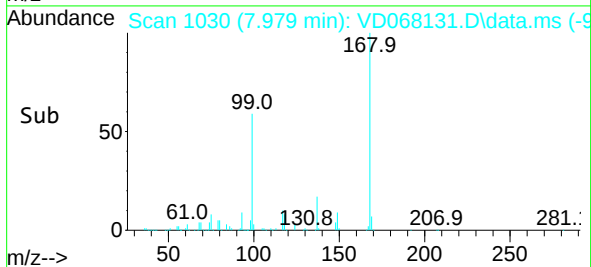
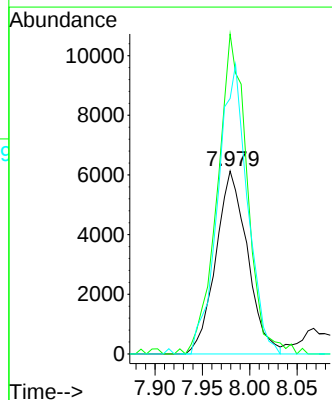
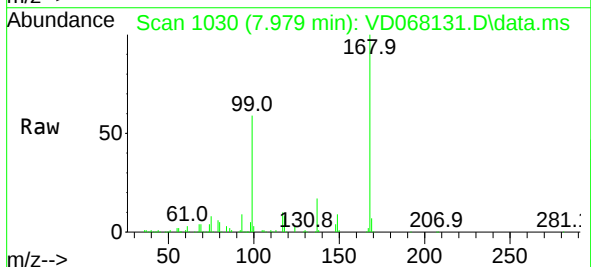


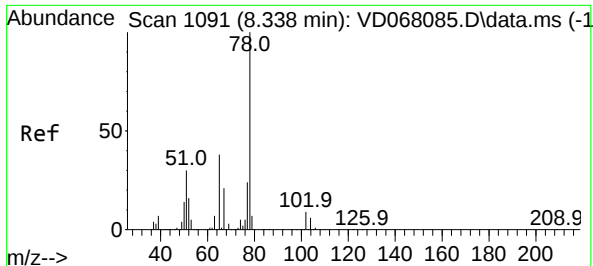
Tgt Ion: 84 Resp: 3766
Ion Ratio Lower Upper
84 100
49 92.1 77.4 116.2
51 35.0 26.1 39.1
86 46.5 51.8 77.8#



#31
Cyclohexane
Concen: 1.20 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.011 min
Lab File: VD068131.D
Acq: 21 Jan 2021 14:31

Tgt Ion: 56 Resp: 14287
Ion Ratio Lower Upper
56 100
69 172.1 30.1 45.1#
84 139.7 82.1 123.1#

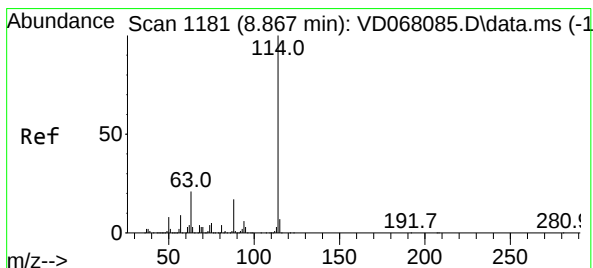
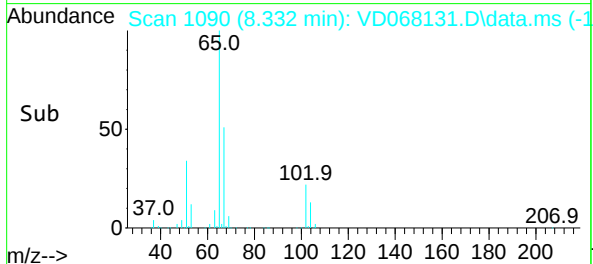
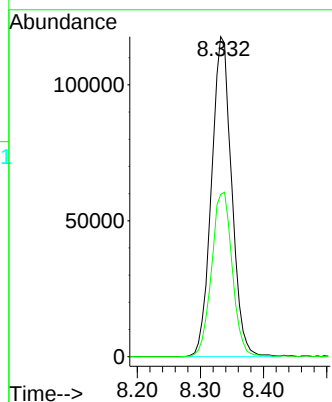
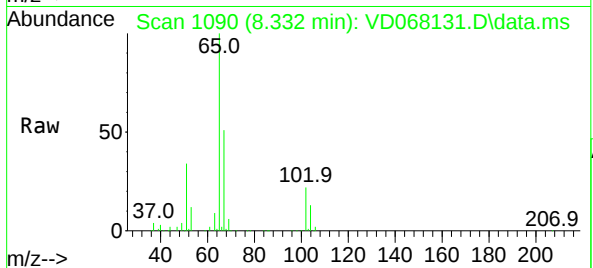




#33
 1,2-Dichloroethane-d4
 Concen: 47.43 ug/l
 RT: 8.332 min Scan# 1090
 Delta R.T. -0.005 min
 Lab File: VD068131.D
 Acq: 21 Jan 2021 14:31

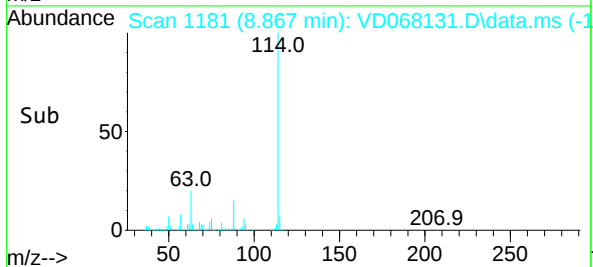
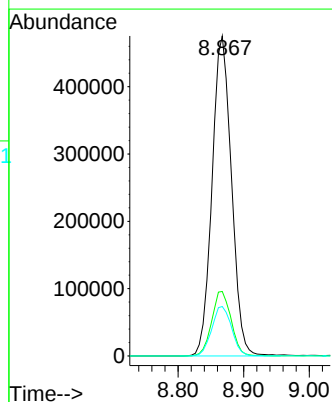
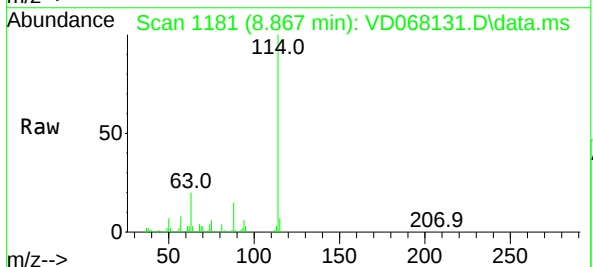
Instrument :
 MSVOA_D
 ClientSampleId :
 FK-EF-01-017-ABCD

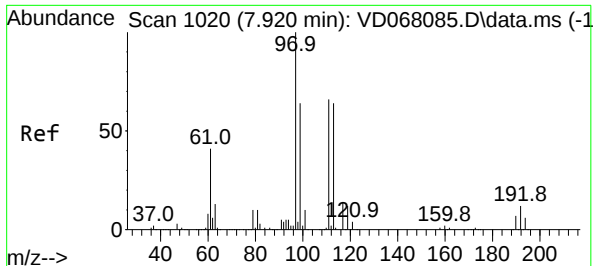
Tgt Ion: 65 Resp: 261224
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.867 min Scan# 1181
 Delta R.T. 0.000 min
 Lab File: VD068131.D
 Acq: 21 Jan 2021 14:31

Tgt Ion: 114 Resp: 976232
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 34.8
 88 15.4 0.0 31.6





#35

Dibromofluoromethane

Concen: 50.84 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. 0.000 min

Lab File: VD068131.D

Acq: 21 Jan 2021 14:31

Tgt Ion:113 Resp: 274412

Ion Ratio Lower Upper

113 100

111 103.5 81.4 122.0

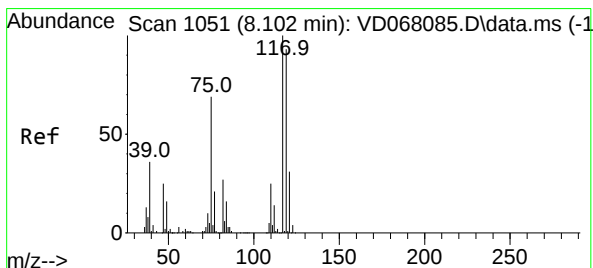
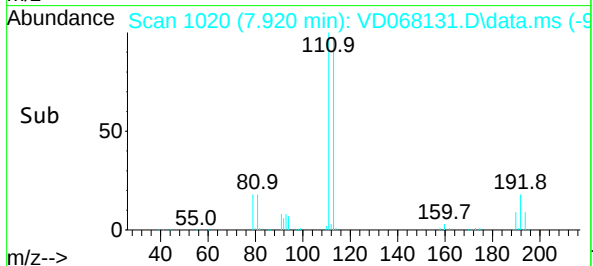
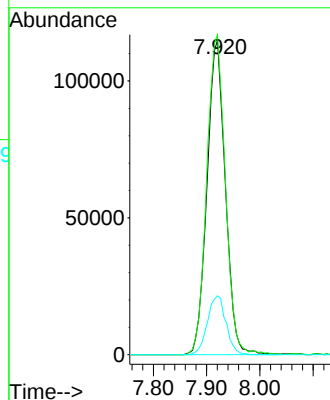
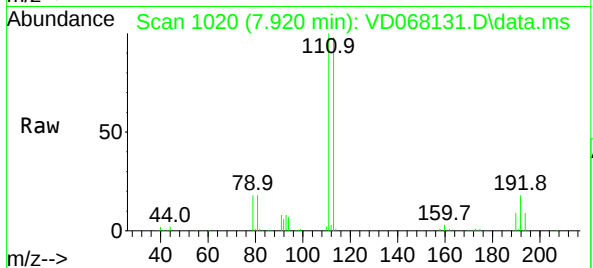
192 18.9 16.1 24.1

Instrument :

MSVOA_D

ClientSampleId :

FK-EF-01-017-ABCD



#38

Carbon Tetrachloride

Concen: 6.39 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.123 min

Lab File: VD068131.D

Acq: 21 Jan 2021 14:31

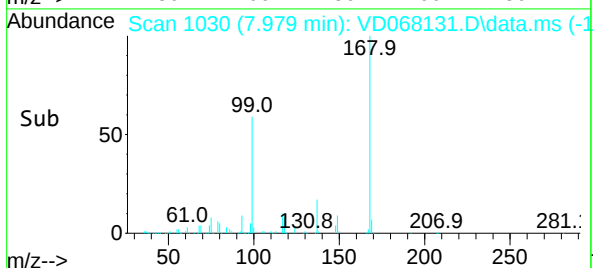
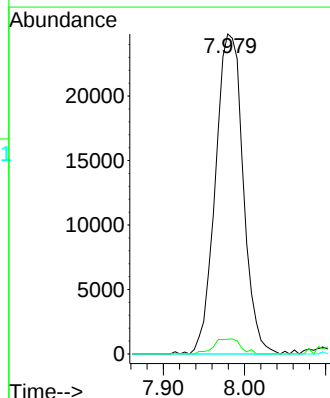
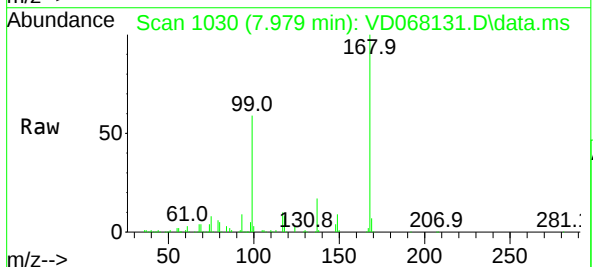
Tgt Ion:117 Resp: 58913

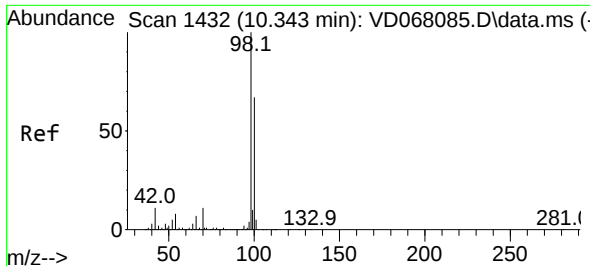
Ion Ratio Lower Upper

117 100

119 4.6 77.3 115.9#

121 0.0 24.7 37.1#

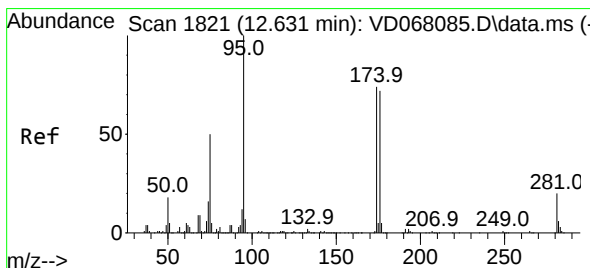
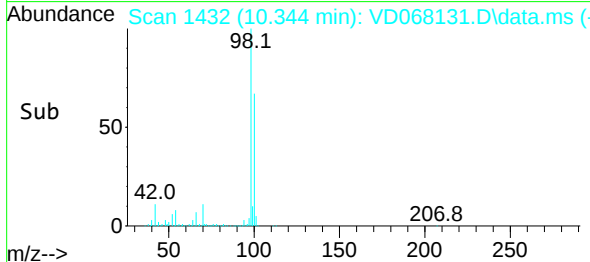
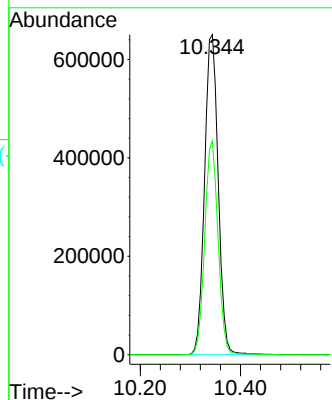
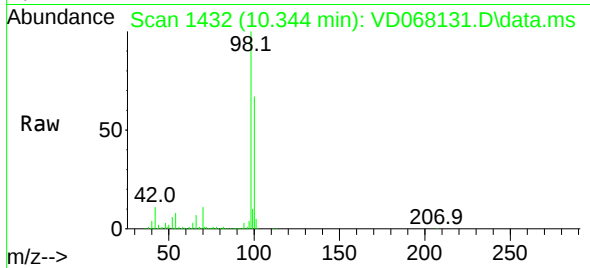




#50
Toluene-d8
Concen: 56.91 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068131.D
Acq: 21 Jan 2021 14:31

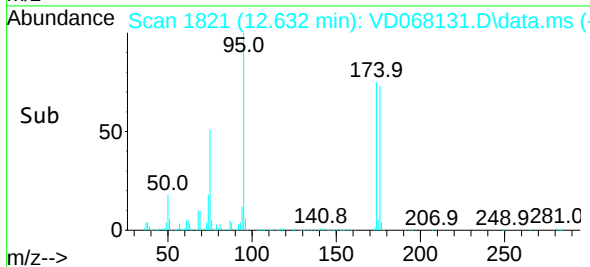
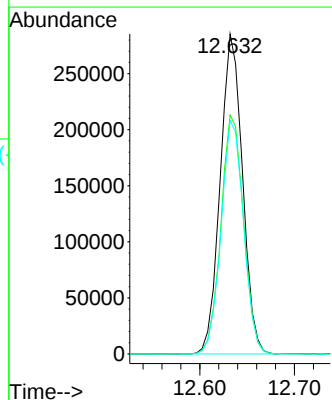
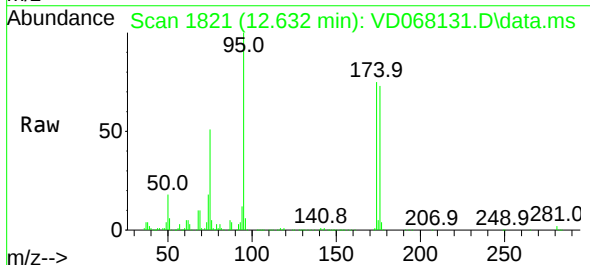
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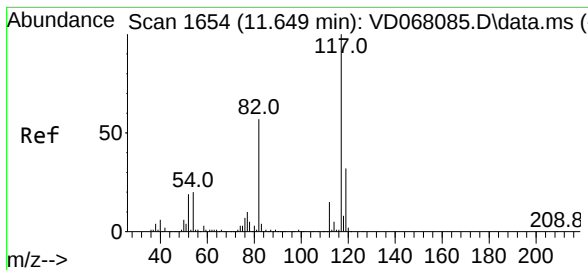
Tgt Ion: 98 Resp: 1228646
Ion Ratio Lower Upper
98 100
100 65.3 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 59.88 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068131.D
Acq: 21 Jan 2021 14:31

Tgt Ion: 95 Resp: 465498
Ion Ratio Lower Upper
95 100
174 76.3 0.0 172.4
176 73.8 0.0 168.4

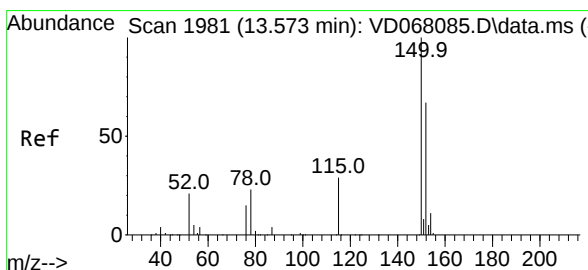
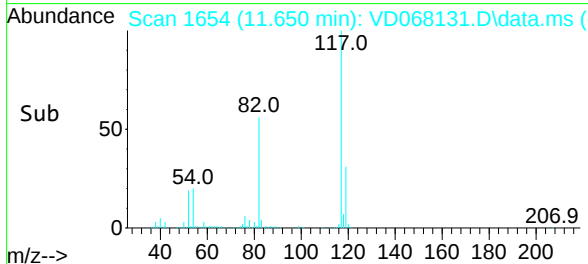
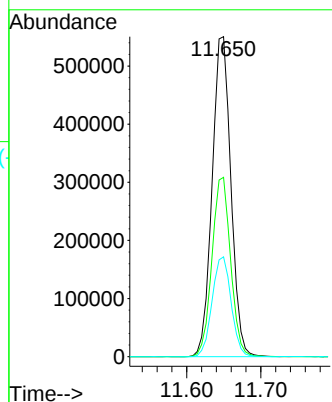
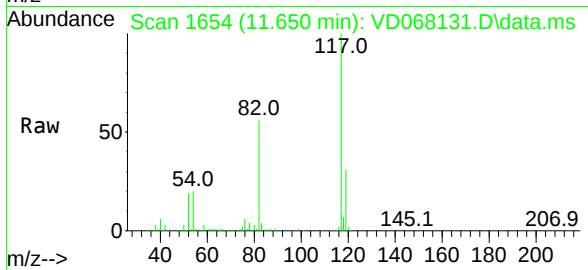




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.650 min Scan# 1654
Delta R.T. 0.001 min
Lab File: VD068131.D
Acq: 21 Jan 2021 14:31

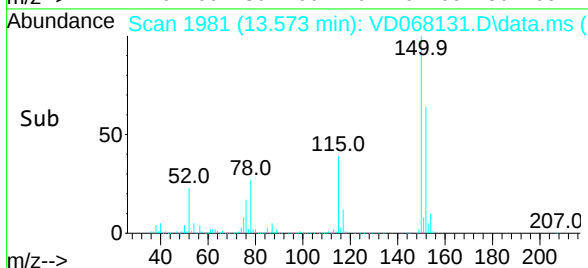
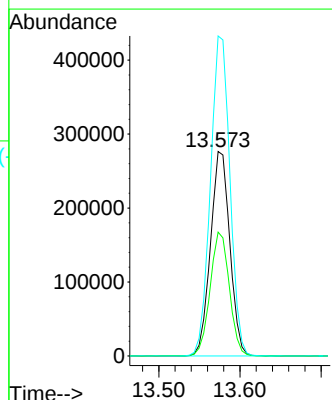
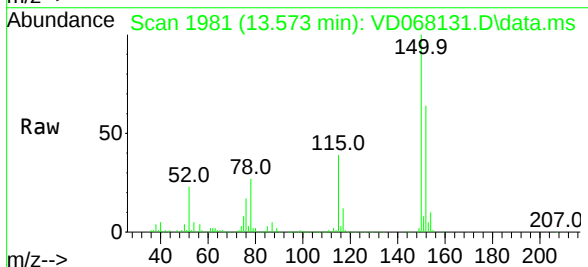
Instrument :
MSVOA_D
ClientSampleId :
FK-EF-01-017-ABCD

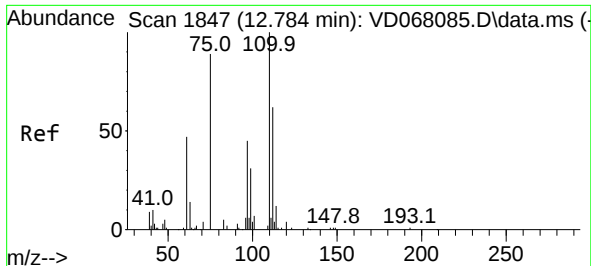
Tgt Ion:	117	Resp:	968113
Ion	Ratio	Lower	Upper
117	100		
82	56.0	41.4	62.0
119	31.2	26.1	39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD068131.D
Acq: 21 Jan 2021 14:31

Tgt Ion:	152	Resp:	457494
Ion	Ratio	Lower	Upper
152	100		
115	60.2	28.9	86.8
150	157.5	0.0	344.4

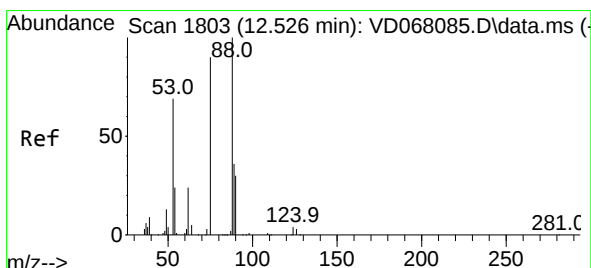
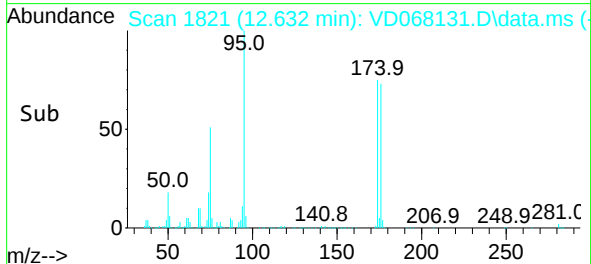
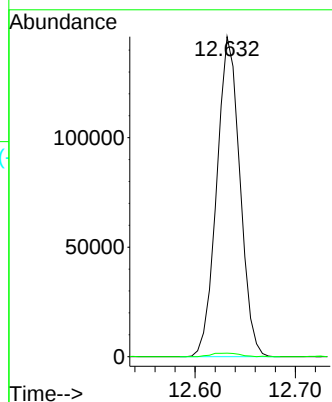
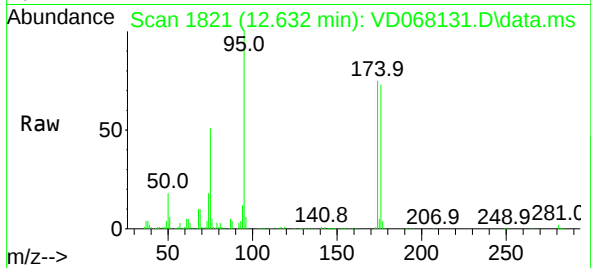




#76
1,2,3-Trichloropropane
Concen: 53.15 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.152 min
Lab File: VD068131.D
Acq: 21 Jan 2021 14:31

Instrument :
MSVOA_D
ClientSampleId :
FK-EF-01-017-ABCD

Tgt Ion: 75 Resp: 235103
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 107.55 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068131.D
Acq: 21 Jan 2021 14:31

Tgt Ion: 75 Resp: 235103
Ion Ratio Lower Upper
75 100
53 0.0 70.2 105.2#
89 0.0 40.3 60.5#

